



California Natural Resources Agency (CNRA)

GIS DAY 2016

*A Professional Development Event for California Natural Resources
Geographic Information Systems (GIS) Users*

November 7, 2016 - 8:30 a.m. to 4:30 p.m.

Resources Building Auditorium, 9th and N Streets, Sacramento

PROGRAM HIGHLIGHTS

8:30 a.m. - Poster Session & Voting

9:00 a.m. - DWR Enterprise GIS and NHD Stewardship

10:00 a.m. - Geographic Information and Science: Rededicating the Department of Conservation
to Information-Based Decision Making

11:00 a.m. - Transitioning to ArcGIS Pro

1:00 p.m. - The Highs and Lows of Mobile Data Collection: Demos and Discussion

3:00 p.m. - Closing Keynote and Town Hall Discussion: Let's Talk Details: How to Sort, Prepare
and Publish the Data You Work with Every Day Featuring David Leonard of Code for America
and Other Special Guests

Hosted by the Department of Water Resources (DWR) Enterprise GIS Committee

WebEx available at <https://resources.webex.com/> Password: GISrocks2016!

Morning Session

- 08:30 – 08:55 **Poster, Map & App Session with People's Choice Voting**
- 09:00 – 09:30 **Welcome & Announcements** - Nate Roth, *(DOC) Master of Ceremonies*
- **Department of Water Resources Enterprise GIS** - Greg Smith & Joel Dudas
 - **National Hydrography Dataset Stewardship** - Jane Schafer-Kramer *(DWR)*
 - **Poster, Map and App Submission Acknowledgment** - Gina Radieva
- 09:30 – 09:45 **Metadata Standards for Services** - Nate Roth
- 09:45 – 10:00 **Break** - Coffee available in lobby shop; Room 133 open for snacks and networking
- 10:00 – 11:00 **Geographic Information and Science: Rededicating the Department of Conservation to Information-Based Decision Making**
- Featuring:
- David Bunn, *Director*
 - Jeffrey Onsted, *Chief Scientist*
 - Nathaniel Roth, *GIS Manager*
- 11:00 – 11:45 **Transitioning to ArcGIS Pro** - Nakul Bhatia, *Solutions Engineer, Esri*
- 11:45 – 01:00 **Break for Lunch** - On your own; no food or drink is allowed in the Auditorium; Lunch Café is open on the 8th floor
- 12:45 - 1:00 **Auditorium re-opens for Poster/Map/App Viewing & Voting** - Cast your vote by placing a sticker on the name card next to your selected poster. **Voting closes at 1:00 p.m.**

Afternoon Session

- 01:00 - 2:00 **The Highs and Lows of Mobile Data Collection: Demos and Discussion**
- Moderator: Kate Spiess, *(DWR/CNRA GIS Services)*
- Featuring:
- Steve Goldman *(CDFW): Drones for Work*
 - Craig Mueller *(DOC), ArcGIS Collector App for the Abandoned Mine Lands Program*
 - Nita Barve *(Parks), ArcGIS Collector App for Tracking Species in State Parks*
 - Paul Veisze *(Parks), Drones at Prairie City State Vehicle Recreation Area*
- 2:00 - 2:15 **Small in Staff, Large in Area, and Big on Collaboration: How the Sierra Nevada Conservancy leverages their arcgis.com account to interact, map, and share**
- Liz van Wagtendonk, *Sierra Nevada Conservancy*
- 2:15 - 2:30 **The Water Challenge and the Open Data Portal** - Stuart Drown, *Deputy Secretary for Innovation and Accountability from CA Government Operations Agency*
- 02:30 - 02:45 **Break** - (Beverages available in lobby shop; Room 133 open for snacks and networking)

Afternoon Session, continued

02:45 – 03:00 **People's Choice Awards for Posters, Maps, and Apps**

Presenters: Gina Radieve and Melody Baldwin (DWR)

03:00 - 04:15 **Closing Keynote and Town Hall Discussion**

Moderator: Christina Boggs (DWR)

Let's Talk Details: How to Sort, Prepare and Publish the Data You Work with Every Day

By David Leonard of Code for America

The movement by public agencies to publish their data in the open without ever being asked for it has changed the way residents understand and relate to government.

Despite the growing conversation about opening data, the nitty-gritty details are often neglected: How can officials identify useful data to publish? What format should they choose? What context should they add? Where does publishing fit into existing workflows? We'll talk about the specifics of doing all this with real examples, and discuss what comes after data is put out in the world.

Keynote Biography:

David is passionate about fostering easy-to-use government services with data that are open by default. He spent the last three years working as a developer and project manager at Code for America, a non-profit organization that has partnered with many cities, counties and states across the U.S. to build user-centered technology and open data generated by its use. He's now working elsewhere to make big data understandable and accessible.

Town Hall Discussion featuring David Leonard and others:

- *What is it going to take from staff and management to start or continue the shift to open data?*
- *What kind of technology should we look to implement to help share more data?*
- *What are some of the challenges we should prepare for as we move to a more open data sharing environment?*

04:15 **Closing Remarks**

04:30 **Informal No-Host Networking - Fox and Goose Public House, R and 10th Streets**

SPECIAL THANKS TO:

Albert Madrid and Zach Cunningham, of DWR's Public Affairs Office, Joseph Ortega of DWR's Division of Technology Services, and the Department of General Services Building Crew for their assistance. Also to Special thanks to Tim Michel of Cosumnes River College for the original GIS Day logo and to Cordi McDaniel of DWR for updating it. And lastly but certainly not least, to Jane Schafer-Kramer for continuing to take on the large task of organizing GIS Day.



THE GIS DAY 2016 WORKGROUP:

Melody Baldwin, Christina Boggs, Marill Jacobson, Jason Harbaugh, Nate Roth, Jane Schafer-Kramer, Kate Spiess, and Mateo Yanes.

Posters

"Valley Fire Watershed Assessment Phase II Operation Map"

Jason Alan Harbaugh, Department of Water Resources, North Central Region Office, Land & Water Use & Conservation Section

"South Delta Salinity Transects"

Rhiannon Mulligan & Zachary Floerke, Department of Water Resources, Division of Environmental Services

"New Applications and Features in the California Natural Diversity Database"

Patrick McIntyre, PhD., Kristi Lazar, Katie Gross Brian Acord, Ryan Elliot, Annie Chang, Kate Whitney, Joe Vondracek, & Sandra Hill

"Sea Level Rise Mapping and Community Indicators from Flood Risk"

San Francisco Bay Conservation and Development Commission's (BCDC) Adapting to Rising Tides (ART) Program

"Shrinking Snowpack Lenticular Postcards"

Jane Schafer-Kramer & Cordi McDaniel, for *Jeanine Jones*, Department of Water Resources

"Habitat Suitability Maps"

Melanie Gogol-Prokurat, Ph.D. & Sandra Hill, California Department of Fish and Wildlife, Biogeographic Data Branch

"Northern Spotted Owl"

Kristi Cripe, California Department of Fish & Wildlife based in Sacramento.

Map Applications

"CTC Forestry Mapping Tool"

[https://gis.tahoecons.ca.gov/Forestry Mapping Tool](https://gis.tahoecons.ca.gov/Forestry_Mapping_Tool)

Chris Jones-Roberts, California Tahoe Conservancy

Maps

"The California Operational Power Plants and Resource Area Map"

Cartography Unit, California Energy Commission, Siting Division

Note: This is only a list of submissions received before the print deadline. Additional submissions may be on display and all are eligible for voting.